

1698 U.S. PTO  
07/08/03

File No.: L305 0003  
GNM/at

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner For Patents  
Box Patent Application  
Washington, D. C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): WALTER, Bruno  
Title: **ACOUSTIC FLOW PULSING APPARATUS AND METHOD FOR DRILL STRING**

Enclosed are:

- [X] Application Data Sheet;  
[X] 30 pages of specification, 5 pages of claims, abstract and an executed Combined Declaration and Power of Attorney;  
[X] 16 sheets of drawings;  
[X] Assignment;  
[X] Disclosure Statement with Form PTO-1449 and copies of documents listed thereon;  
[X] Recordation Form Cover Sheet; and  
[X] Return Receipt Postcard

Applicant claims small entity status (*see 37 CFR 1.27*).

<u>CLAIMS AS FILED</u>			
For	Number <u>Filed</u>	Number <u>Extra</u>	Basic Fee
Total Claims	19 - 20 =	0	\$ 750.00
Independent Claims	2 - 3 =	0	\$ .00
Multiple Dependent Claim Fee			\$ 0.00
BASIC FEE (37 CFR 1.16)			\$ 750.00
<i>Reduction by 50% for filing by small entity (Note 37 CFR 1.27)</i>			\$-375.00
<b>TOTAL FILING FEE</b>			<b>\$ 375.00</b>

- [X] The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this application herewith, or credit over-payment, to Account No. 02-1037.  
[X] The Commissioner is hereby authorized to charge the indicated fees of **US\$375.00** or credit over-payment, to Account No. 02-1037.  
[X] Please direct all correspondence and telephone calls to:

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Respectfully submitted,  
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Date: 7 July 2003

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10/614258  
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